

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. GL-01-1		SERIAL NO. 10/077,701	
				Mark V. Hanson et al.			
FILING February 14, 2002				GROUP 1712			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
///	U.S. Patent 3,784,638	1/8/74	R.F. Lambert	260	526S		
///	U.S. Patent 3,852,362	12/3/74	R.F. Lambert	260	606.5P		
///	U.S. Patent 4,126,602	11/21/78	G. Salee	260	40R		
///	U.S. Patent 4,187,259	2/5/80	G. Salee	525	219		
///	U.S. Patent 4,211,687	7/8/80	G. Salee	260	40R		
///	U.S. Patent 4,221,694	9/9/80	G. Salee	260	40R		
///	U.S. Patent 4,251,429	2/17/81	G. Salee	260	40R		
///	U.S. Patent 4,256,625	3/17/81	N.W. Dachs	260	40R		
///	U.S. Patent 4,284,549	8/18/81	G. Salee	260	40R		
///	U.S. Patent 4,345,059	8/17/82	E.R. Fretz, Jr. et al.	528	102		
///	U.S. Patent 4,444,960	4/24/84	G. Salee et al	525	534		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
///	PCT WO 99/00451	1/7/99	PCT	C08K	5/5333	✓	
///	PCT WO 01/42253 A2	6/14/01	PCT	C07F	9/53	✓	
///	PCT WO 01/42359 A1	6/14/02	PCT	C08L	63/00	✓	
///	EPO 0 412 425 B1	2/13/91	EPO	C08G	59/40		✓
///	EPO 0 795 570 A1	9/17/97	EPO	C08G	59/40	✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
///	"Ir Spectra of the Oxides and Sulphides of Triarylphosphines and Triarylsarsines", V. Baliah et al., J. Indian Chem. Soc., Vol. 67, May 1990, pp. 430-431; "Synthesis and Solid-State Structures of Substituted Arylphosphine Oxides", Craig M. Whitaker et al., J. Org. Chem. 1995, 60, 3499-3508; "Derivatives of Triphenylphosphine and Triphenylphosphine Oxide", Allen E. Senear et al., J. Org. Chem. 1960, 25(10), pp. 2001-2006; "Synthesis and Characterization of Epoxy-Novolac Composite-Steel Adhesives", M.B. Bump et al., Polymer Materials Science & Engineering, V83, 2000, pp. 19-2;						
///	"The Mass Spectra of Some para Substituted Triarylphosphines and Triarylphosphine Oxides", G. Marshall, Organic Mass Spectrometry, Vol. 16, No. 6, 1981, pp. 272-274; N-Phenyl-P,P,P-triarylphosphazenes, Triarylphosphines, and Triarylphosphine Oxides. Substituent Effects on ¹⁵ N, ³¹ P, and ¹³ C NMR Spectra", of W-N Chou et al., J. Org. Chem. 1991, 56, pp. 2762-2769; "Synthesis and Characterization of Phosphine Oxide Diol Modified Epoxy Adhesives", M.A. Hickner et al., Polymer Preprints (2000, 412), pp. 1372-1373;						
EXAMINER ROBERT SELLERS				DATE CONSIDERED 9/17/03			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	U.S. Patent 4,866,155	9/12/89	W.H. Mueller et al.	528	191	
<i>[initials]</i>	U.S. Patent 5,376,453	12/27/94	W. von Gentzkow et al.	528	415	
<i>[initials]</i>	U.S. Patent 5,399,654	3/21/95	Y.H. Ko et al.	528	99	
<i>[initials]</i>	U.S. Patent 5,458,978	10/17/95	A. Bottcher et al.	428	413	
<i>[initials]</i>	U.S. Patent 5,508,462	4/16/96	D.A. Bright et al.	558	99	
<i>[initials]</i>	U.S. Patent 5,576,357	11/19/96	H. Bayer et al.	522	170	
<i>[initials]</i>	U.S. Patent 5,587,243	12/24/96	W. von Gentzkow et al.	428	413	
<i>[initials]</i>	U.S. Patent 5,648,171	7/15/97	W. von Gentzkow et al.	428	413	
<i>[initials]</i>	U.S. Patent 6,097,100	8/1/00	S. Eguchi et al.	257	787	
<i>[initials]</i>	U.S. Patent 3,751,481	8/7/73	K. Weinberg et al.	260	601.5P	

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						YES	NO
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<i>[initials]</i>	Jap. Pub. 5-57991	8/25/93	Japan	C07F	9/53	✓	
<i>[initials]</i>	Jap. Pub. 61-134395 ✓	6/21/86	Japan	C07F	9/50		✓
<i>[initials]</i>	Jap. Pub. 2000-186186 ✓	7/4/00	Japan	C08L	63/00	✓	
<i>[initials]</i>	Ger. Off. DE 3510416 A1 ✓	9/25/86	Germany	C07F	9/53		✓

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<i>[initials]</i>	"Synthesis and Flammability of Copoly(isophthalamide)s. II. With Pendant Phosphorus Groups", K.G. Gravalos, Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 31, 1993, pp. 1355-1364; "NMR Spectral Data: A Compilation of Aromatic Proton Chemical Shifts in Mono- and Di-Substituted Benzenes", B.L. Shapiro et al., J. Phys. Chem. Ref. Data, Vol. 6, No. 3, (1977) pp. 919-991; "Sn-Zn System Lead Free Solder Paste", Japan Printed Circuit Association, April 2001, pp. 1-18;
<i>[initials]</i>	"Phosphorus-Containing Epoxy for Flame Retardant. 1. Synthesis, Thermal, and Flame-Retardant Properties", V.-I. Liu et al., Journal of Applied Polymer Science, Vol. 61, 1996, pp. 613-621; "Intumescent Fire Retardant Epoxy Resins", G. Camino, Chemistry and Technology of Polymer Additives, Chapter 7, 1999, pp. 108-134; "Chemical Modification of Epoxy Resins by Dialkyl (or Aryl) Phosphates: Evaluation of Fire Behavior and Thermal Stability", D. Derouet et al., Journal of Applied Polymer Science, Vol. 62, (1996) pp. 1855-1868;

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[illegible][illegible]

11		<p>"Syntheses, Structure, Reactivity, and Thermal Properties of New Cyclic Phosphine Oxide Epoxy Resins Cured by Diamines", M-D Shau et al., Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 34, 1996, pp. 387-396; "Structure Characterization, Reactivity, and Thermal Properties of New Cyclic Phosphine Oxide Epoxy Resin Containing Tetra-Oxirane Rings", M-D Shau et al., Journal of Applied Polymer Science, Vol. 68, 1998, pp. 1397-1409;</p>
11		<p>"Synthesis, Characterization, and Polymerization Reactions of Abx Triarylphosphine Oxide Monomers", E. Fossum, Polymer Preprints 2000, 41(1), pp. 200-201; "Self-extinguishing Epoxy Resins without Flame Retardants: Their Potential Use in Electronics", Y. Kiuchi et al., The 12th Annual BCC Conference on Flame Retardancy, Recent Advances in Flame Retardancy of Polymeric Materials, May 21-23, 2001; "Synthesis, Characterization, Thermal, and Flame Retardant Properties of Phosphate-Based Epoxy Resins", Y-L Liu et al., John Wiley & Sons, Inc., 1997, pp. 565-574;</p>

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